

## **GANDHI SCHOOL OF ENGINEERING**

BHABANDHA, BERHAMPUR

BRANCH- CIVIL ENGINEERING

SEMESTER-5TH

SUBJECT- Th5. ESTIMATION & COST EVALUATION – II

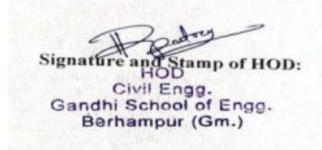
NAME OF THE FACULTY-ER.ROJALI PATRA & Er. ROJALIN MISHRA

			Topic to be taken			Actual topic taken		
SI. No	1990-000 <b>-</b> 030000 <b>-</b> 03	No. of period	Details of the tonics	Date	Topic No.	Topic Name	Date	Remarks
1 1	Detailed estimate of culverts and bridges	12	1.1Detailed estimate of a RCC slab culvert with right angled wing walls with bar bending schedule. 1.2RCC Hume pipe culvert with splayed	15.09.2022 -	1.1	Detailed estimate of a RCC slab culvert with	15.09.2022	
						right angled wing walls with bar bending	16.09.2022	
						schedule.	19.09.2022	
							21.09.2022	
							22.09.2022	
					1.2	RCC Hume pipe culvert with splayed angled	23.09.2022	
						wing wall	26.09.2022	
			angled wing wall				28.09.2022	
							29.09.2022	
							30.09.2022	
							12.10.2022	

2	Estimate of irrigation structures	14	2.1Detailed estimate of simple type of vertical fall to given specification 2.2Detailed estimate of drainage siphon to given specification.	13.10.2022 31.10.2022	2.2		15.10.2022 17.10.2022 19.10.2022 20.10.2022 21.10.2022 22.10.2022 26.10.2022 27.10.2022 28.10.2022 02.11.2022 03.11.2022	
3	Detailed estimate of roads	12	3.1Detail estimate of a water bound macadam road 3.2Detailed estimate of a flexible pavement in cutting / filling 3.3Detailed estimate of septic tank and soak pit for 50 users	02.11.2022 18.11.2022	3.2	Detail estimate of a water bound macadam road  Detailed estimate of a flexible pavement in cutting / filling  Detailed estimate of septic tank and soak pit for 50 users	05.11.2022 11.11.2022 12.11.2022 14.11.2022 17.11.2022 18.11.2022 19.11.2022 21.11.2022 23.11.2022 25.11.2022	

4	Detailed estimates of miscellaneous works	12	4.1 Tube well, Piles and Pile cap, Isolated and combined footings.	19.11.2022 - 07.12.2022		Tube well, Piles and Pile cap, Isolated and combined footings.	30.11.2022 02.12.2022 03.12.2022 06.12.2022 07.12.2022 08.12.2022 09.12.2022 10.12.2022	
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				5.1	Works		
		5.1 Works		5.1.1	Classification of work-original, major, petty,		
		5.1.1 Classification of work-original,			repair work, annual repair, special repair,		
		major, petty, repair work, annual repair,			quadrantal repair.		
		special repair, quadrantal repair.		5.1.2	5.1.2 Concept of Method of execution of		
		5.1.2 Concept of Method of execution of			works through the contractors and		
		works through the contractors and			department, contract and agreement.	13.12.2022	
		department, contract and agreement.	08.12.2022	5.2	5.2 Accounts of works –		
		5.2 Accounts of works –		5.2.1	5.2.1 Explanation of various terms	15.12.2022	
		5.2.1 Explanation of various terms			Administrative approval, technical sanction.		
		Administrative approval, technical		5.2.2	2.2 5.2.2 Measurement book use &	16.12.2022	
		sanction.			maintenance.		
		5.2.2 Measurement book use &		5.2.3	5.2.3 Muster roll: Its preparation & use for	17.12.2022	
5 PWD accounts works	10	maintananca			making payment of pay & wages.		
		5.2.3 Muster roll: Its preparation & use		5.2.4		20.12.2022	
		for making payment of pay & wages.			use for making payment of pay & wages.		
		5.2.4 Acquittance Roll : Its preparation &		5.2.5	labour payment, use of forms and necessity of Submission.	02.01.2023	
		use for making payment of pay & wages.					
		5.2.5 Labour & labour report, method of				03.01.2023	
		labour payment, use of forms and		5.2.6	5.2.6 Classification of stores, receipt / issue		
		necessity of Submission.			statement.	04.01.2023	
		5.2.6 Classification of stores, receipt /		5.3	5.3 Building BYLAWS and REGULATORY		
		issue statement.			Bodies, Development authorities, types and		
		5.3 Building BYLAWS and REGULATORY			their levels, RERA etc.		
		Bodies, Development authorities, types					
		and their levels, RERA etc.					



Signature & Stamp of HOD